

Please type a plus sign (+) inside this box.

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number 09/768,304
Filing Date January 25, 2001
First Named Inventor RUBIN et al
Group Art Unit 2452 2157
Examiner Name Not assigned
Attorney Docket Number 2685/5433

RECEIVED

AUG 02 2002

Technology Center 2100

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)			Class	subclass
S.M.		5,699,431		VAN OORSCHOT et al	12/16/97	380	30
S.M.		5,960,083		MICALI	9/28/99	713	155
S.M.		6,002,768		ALBANESE et al	12/14/99	380	30; 282
S.M.		6,044,462		ZUBELDIA et al	3/28/00	380	30
S.M.		5,793,868		MICALI	8/11/98	380	28

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature

[Signature]

Date Considered

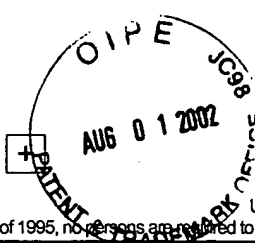
6-1-04

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **2** of **3**

Complete if Known

Application Number	09/768,304
Filing Date	January 25, 2000
First Named Inventor	RUBIN et al
Group Art Unit	2152 2157
Examiner Name	Not assigned
Attorney Docket Number	2685/5433

RECEIVED

AUG 02 2002

Technology Center 2100

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
S. N.		McCanne et al, "Receiver-driven Layered Multicast", ACM SIGCOMM '96, pages 1-14, Stamford, Connecticut, August 1996	
S. N.		Myers, Michael, "Revocation: Options and Challenges", Proceedings, Financial Cryptography, Second Intl. Conference, FC '98, pp. 165-171, Anguilla, British West Indies, February 23-25, 1998	
S. N.		Feghhi et al, <u>Digital Certificates: Applied Internet Security</u> , Chapter 3, pp. 61-89, Addison-Wesley Longman, Inc., 1999	
S. N.		Housley et al, Internet X.509 Public Key Infrastructure, pp. 1-113, http://www.ietf.org/rfc/rfc2459.txt?number=2459 , The Internet Society, 1999	
S. N.		McDaniel et al, "Windowed Certificate Revocation", Proceedings, IEEE Infocom 2000, The Conference on Computer Communications, Vol. 3, Tel Aviv, Israel, 19 th Annual Joint Conference of the IEEE Computer and Communications Societies, March 26-30, 2000	
S. N.		Mitra et al, "Analysis and Optimal Design of Aggregated-Least-Busy-Alternative Routing on Symmetric Loss Networks with Trunk Reservations", Proceedings, 13 th Intl Teletraffic Congress, Teletraffic and Datatrafic in a Period of Change," pp. 477-482, Copenhagen, Denmark, June 19-26, 1991	
S. N.		Ash et al, "Real-Time Network Routing in a Dynamic Class-of-Service Network", Proceedings, 13 th Intl Teletraffic Congress, Teletraffic and Datatrafic in a Period of Change," pp. 187-194, Copenhagen, Denmark, June 19-26, 1991	
S. N.		Adams et al, "A General, Flexible approach to Certificate Revocation", Entrust Technologies, pp. 1-6, June 10, 1998	
S. N.		Naor et al, "Certificate Revocation and Certificate Update", Dept. of Applied Mathematics and Computer Science, Weizmann Institute of Science, Rehovot, Israel, Senix Papers, printed from the internet on June 6, 2000	
S. N.		Fox et al, "Online Certificate Status Checking in Financial Transactions: The Case for Re-Issuance", Microsoft Corporation, Redmond, Washington, printed from the internet on June 6, 2000	
S. N.		Grant, Gail L., <i>Understanding Digital Signatures, Establishing Trust over the Internet and Other Networks</i> , Chapters 4 and 10, McGraw-Hill, Inc., 1998	

Examiner
Signature

SARSON NANO

Date
Considered

6-1-04

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person shall be required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number 09/768,304
Filing Date January 25, 2002
First Named Inventor RUBIN et al
Group Art Unit 2152-2157
Examiner Name Not assigned
Attorney Docket Number 2685/5433

RECEIVED

AUG 02 2002

Technology Center 2100

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
S.N		McDaniel et al, "A Response to "Can We Eliminate Certificate of Revocation Lists?", (ps.gz, pdf), Financial Cryptography Conference, February 2000	
S.N		Wilhelm, Bob, "Objective Control", Name: Subscription/Custom Notification -- OOPSLA 1993, Addendum to the Proceedings, Eighth Annual Conference, Workshop, Patterns: Building Blocks for Object-Oriented Architectures, September 26 - October 1, 1993, Washington, D.C.	

Examiner
Signature

SARSON NANO

Date
Considered

6-1-04.

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Sheet 1 of 1

**FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)**

Atty Docket No.: 2685/5433
Serial No. : 09/768,304
Applicants : Aviel D. RUBIN et al.
Filed : 25 January 2001
Group Art Unit : 2152 2157
~~Examiner~~ : ~~Unassigned~~

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
<u>S.N.</u>	6,128,740	10/03/00	CURRY et al.	713/200	
<u>S.N.</u>	2002/0004773	01/10/02	XU et al.	705/36	
<u>S.N.</u>	5,699,431	12/16/97	VAN OORSCHOT et al.	380/30	

RECEIVED

OCT 10 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes No
---------------------	--------------------	------	---------	--------------------	-----------------------

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Initial

- | | | |
|-------------|----|---|
| <u>S.N.</u> | 1. | McDANIEL, P. et al.: <i>Windowed certificate revocation</i> , INFOCOM 2000, NINETEENTH ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES PROCEEDINGS IEEE TEL AVIV, ISRAEL 26-30 March 2000, Piscataway, NJ, USA, IEEE, US ISBN: 0-7803-5880-5, pages 1406-1414 |
| <u>S.N.</u> | 2. | WOHLMACHER P: <i>Digital Certificates: A Survey of Revocation Methods</i> , PROCEEDINGS ACM MULTIMEDIA 2000 WORKSHOPS, MARINA DEL REY, CA, Nov. 4, 2000, ACM INTERNATIONAL MULTIMEDIA CONFERENCE, New York, NY: ACM, US Vol. Conf. 8, Pages 111-114 XP001003705, ISBN: 1-58113-311-1 |

EXAMINER

DATE CONSIDERED

SARGON NANO

6-1-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.